

II. CLAIM AMENDMENTS

1. (Currently Amended) A network element of a data transmission network, which network element comprises:

data transfer means for downloading a driver and for
transmitting and receiving data from the data transmission
network, which data comprises one or more commands;

processing means for providing an address for the downloading
of said driver and for processing data provided in a
specified format;

control means for modifying one or more commands received into
a format required by the processing means;

wherein said control means comprise:

asaid downloaded driver the origin of which is verified
using at least an electronic signature;

one or more functions that control the operation of the
processing means, which functions can only be initiated by
thesaid downloaded driver the origin of which is verified
with at least the electronic signature.

2. (Original) A network element according to claim 1, wherein
said network element is a wireless terminal.

3. (Original) A network element according to claim 2, wherein said terminal contains means for connecting the application processing means to the terminal.

4. (Original) A network element according to claim 3, wherein said processing means comprise the application processing means.

5. (Original) A network element according to claim 1, wherein said driver is stored in the network element as a byte compiled code.

6. (Original) A network element according to claim 5, wherein said electronic signature comprises a character string, processed by the secret key of the publisher of said code, whereupon the verification of the driver's origin takes place by decrypting the encryption of the character string by the code of publisher's public key.

7. (Original) A network element according to claim 6, wherein said character string comprises a hash computed from said code by a specified hash function.

8. (Previously Presented) A network element according to claim 1, wherein a driver relating to a specific use is arranged to receive a command in a specified format.

9. (Currently Amended) A data transmission network, a network element, which comprises

data transfer means for downloading a driver and for
transmitting and receiving data from the data transmission
network, which data comprises one or more commands;

processing means for providing an address for the downloading
of said driver and for processing data provided in a
specified format;

control means for modifying the received command into a format
required by the processing means;

wherein said control means comprise:

asaid downloaded driver the origin of which is verified
using at least an electronic signature;

one or more functions that control the operation of the
processing means, which functions can only be initiated by
~~the~~said downloaded driver the origin of which is verified
with at least the electronic signature.

10. (Original) A data transmission network according to claim 9,
wherein said network element is a wireless terminal.

11. (Original) A data transmission network according to claim
9, wherein said network element is a network server.

12. (Currently Amended) A method for processing data, the method comprising:

providing an address for the downloading of a driver on a smart card;

downloading said driver from a data transmission network using said address;

~~transmitting and~~ receiving data from a data transmission network, which data comprises ~~one or more commands~~ at least one command;

~~modifying the received command into a specified format;~~

~~processing the data that is in the specified format;~~

~~wherein it comprises;~~

modifying the at least one command by ~~a~~ said downloaded driver the origin of which is verified using at least an electronic signature;

controlling the processing by functions, which functions can only be initiated by ~~the~~ said downloaded driver the origin of which is verified using at least the electronic signature.

13. (Previously Presented) The network element of claim 1 wherein the processing means further comprises a first control device accessible by the driver that implements a data transfer connection between the network element and the data transmission network.

14. (Previously Presented) The network element of claim 1 wherein the processing means further comprises a second control device accessible by the driver only after the origin of the driver is verified, the second control device adapted to allow implementation of the one or more functions that control the operation of the processing means.

15. (Previously Presented) The method of claim 12 wherein the step of processing the data in the specified format further comprises receiving an application driver code associated with an application data received from the data transmission network and calling a function from a first control library that implements a data transfer connection with an application device specified by the application driver code.

16. (Previously Presented) The method of claim 15 further comprising after the origin of the driver is verified of accessing a second control library and implementing the application driver code that initiates the functions.